

M.M. Gargy
S.C.

पंचरा व अंश

Shedule XLV Form No. 134.

कार्यपालक अधिकारी ग्रामीण कार्य विभाग कार्य एवं - DIVISION

सहायक अधिकारी कार्य एवं - (नोकर) SUB-DIVISION

Measurement Book

679

सं. १५६ → Parveen K. man

Scanned with CamScanner

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction of road from Patharia To Graini					
Agency: Praveen Kumar					
Date of commencement: 22/12/20					
Date of completion: 21/12/21					
Agreement no: -					
Record Measurement:					
RCC Slab Culvert 3 X 5.00 X 3.00m					
1/ Further excavation for foundation					
Excavation under slab					
	3 X 7.50 X 2.88 X 0.975				30.812 m ³
Culvert wall	2 X 23.60 X 1.00 X 2.275				107.380 m ³
	2 X 1.15 X 1.00 X 2.275				5.119 m ³
	2 X 3.15 X 1.00 X 2.275				14.219 m ³
	2 X 2.88 X 2.336 X 0.475				6.398 m ³
	1 X 2.600 X 3.125 X 0.475				32.063 m ³
					195.991 m ³
Qty. of concrete P/B					293.743 m ³
					489.734 m ³
2/ Sand filling in foundation					
Floor under slab	3 X 7.50 X 4.29 X 0.10				9.659 m ³
Culvert wall	2 X 23.60 X 1.00 X 0.10				4.720 m ³
L/W					
C. wall	2 X 2.625 X 1.00 X 0.10				0.525 m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
C. Wall	2x4	6.25x1.00		0.100	0.925 m ²
					15.829 m ³
Qty. vide	P(8)				12.913 m ³
					28.741 m ³
3/ B.F.S. in foundation closing					
Flat under					
2 Slab	3x7.500	4.228x			96.593 m ²
Cut off wall					
L. wall	2x23.600	1.00			47.200 m ²
C. wall	2x2.625	1.00			5.250 m ²
//	2x4.625	1.00			9.250 m ²
					158.293 m ²
Qty. vide	P(8)				129.118 m ²
					287.411 m ²
4/ providing RCC Ms in					
levelly 600					
Flat under					
2 Slab	3x7.50x4.228			0.300	28.978 m ³
L. wall	2x23.60x1.00			0.300	14.160 m ³
C. wall	2x2.625x1.00			0.100	0.525 m ³
C. wall	2x4.625x1.00			0.100	0.925 m ³
Flooring	1x2.60x2.625			0.300	4.588 m ³
Qty. vide	P(9)				35.982 m ³
					80.57 m ³
5/ RCC Ms in other foundation					
Cut off wall					
L. wall	2x23.40x0.588			1.50	41.293 m ³
C. wall	2x2.625x0.588			1.50	4.627 m ³
C. wall	2x4.625x0.588			1.50	8.152 m ³
Continuation					54.022 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Atto. wide	1/9				132.44 m ²
					186.44 m ²
6/ PIC	110	1m	Sub 81.2m	4.12	
Retaining wall	4 X	0.65	1.12	3.35	2.959 m ²
Abutment Cap					
Atto. wide	2 X	7.80	0.70	0.00	2.100 m ²
Pillar	2 X	7.50	1.20	0.20	3.100 m ²
Side wall	2 X	1.13	1.00		0.453 m ²
Dist wall	2 X	7.50	0.30	0.43	1.935 m ²
Kerb	2 X	2.60	0.30	0.15	6.102 m ²
End pillar	4 X	0.40	0.40	0.60	0.389 m ²
Parapet					17.579 m ²
7/ Surplus and					17.579 m ²
HYSD bar in reinforcement					
Chair	2 X	2 X 8.00	7.95	1.58	301.96 kg
	2 X	2 X 4 X	6.55	1.58	175.626 kg
	2 X	4 X 6.55	1.58		87.898 kg
Ring	2 X	38 X 1.60	0.62		75.39 kg
	2 X	38 X 1.20	0.62		56.599 kg
Side beam	2 X	8 X 17.00	1.58		415.76 kg
Ring	2 X	8 X 1.80	0.355		112.39 kg
Pier Cap	2 X	2 X 8 X 7.50	1.58		375.20 kg
Ring	2 X	4 X 3.30	0.35		113.256 kg
Deck slab	58 X	17.80	2.97		2550.02 kg
	43 X	8.15	0.82		311.90 kg
	43 X	8.50	0.62		226.61 kg
	48 X	17.80	0.62		525.78 kg

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	58	1.66	1.58	$= 293.2984$
Rallies.	2	2	4	7.10	$\times 0.62 = 169.6324$
ding	2	2	5	1.50	$\times 0.62 = 765.0048$
Ticket					619.1048
Chair					6942.9040
				Limit	$= 693.117$
8/ providing RCC 125 in					
Substructure					
Deck Slab	3	7	500	5970	$\times 0.930 = 57.7602$
9/ providing RCC 120 in					
Substructure					
Parapet	2	22.400	0.90	0.60	$= 11.2322$
at 8 m	16	17			$= 14.5742$
					25.8064
10/ providing Unopholes					$= 30.00$
11/ Drainage spot					$= 8.00$
12/ painting of parapet					
	2	18.60	0.40		$= 14.88 \text{ m}^2$
	4	18.60	0.60		$= 44.64 \text{ m}^2$
	4	0.96	0.60		$= 0.96 \text{ m}^2$
					60.48 m^2
13/ Cont. Subgrade and earth					
Shoulder					
	3	30.00	7.276	0.30	$= 196.4524$
	1	17.00	8.20	0.30	$= 41.82 \text{ m}^2$
	1	32.00	7.276	0.30	$= 26.1932$
	1	13.00	8.50	0.30	$= 33.15 \text{ m}^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	10.00	8.40	0.30	25.20 m ²
					322.815 m ²
14/ Cont. of Gals Gori					
	2	12.00	4.80	0.20	23.04 m ²
	2	10.00	$\frac{4.05+4.60}{2}$	0.20	17.30 m ²
	4	10.00	4.750	0.20	38.00 m ²
	1	30.00	4.05	0.20	24.30 m ²
	1	28.00	4.05	0.20	22.68 m ²
					125.32 m ²
avg. vide item (10/ P(3)					405.00 m ²
					530.32 m ²
15/ P42 all compacting					
WDM Gori I.I.I					
	2	12.00	4.50	0.075	8.10 m ²
	2	10.00	$\frac{3.75+4.30}{2}$	0.075	6.037 m ²
	4	10.00	4.45	0.075	13.35 m ²
	1	30.00	3.75	0.075	8.437 m ²
	1	28.00	3.75	0.075	7.875 m ²
					43.799 m ²
avg. vide P(3)					140.625 m ²
					184.425 m ²
16/ P4A Prime Cost - 1/2					
S.I	10	30.00	3.75		1125.00 m ²
	8	25.00	3.75		750.00 m ²
	2	12.00	4.50		108.00 m ²
	2	10.00	$\frac{3.75+4.30}{2}$		80.50 m ²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$4 \times 10.00 \times 4.45 = 178.00 m^2$
					$1 \times 30.00 \times 3.75 = 112.50 m^2$
					$1 \times 28.00 \times 3.75 = 105.00 m^2$
					$24.59.00 m^2$
17/ P.A.A. Tack coat with NSS					
at 10.00 m wide					$610(20) = 2459.00 m^2$
18/ P.A.L. 20 mm thick NSS					
at 10.00 m wide					$170(20) = 2459.00 m^2$
19/ Cost of Subgrade and earthen shoulder					
					$2 \times 10 \times 30.00 \times 1.388 \times 0.20 = 166.56 m^2$
					$2 \times 7 \times 30.00 \times 1.40 \times 0.20 = 117.60 m^2$
					$2 \times 1 \times 24.00 \times 1.388 \times 0.20 = 13.32 m^2$
					$2 \times 3 \times 30.00 \times 1.388 \times 0.20 = 49.968 m^2$
					$2 \times 1 \times 18.00 \times 1.40 \times 0.20 = 10.08 m^2$
					$2 \times 10 \times 30.00 \times 1.20 \times 0.075 = 54.00 m^2$
					$2 \times 7 \times 30.00 \times 1.20 \times 0.075 = 37.80 m^2$
					$2 \times 1 \times 24.00 \times 1.20 \times 0.075 = 4.32 m^2$
					$2 \times 3 \times 30.00 \times 1.20 \times 0.075 = 16.20 m^2$
					$2 \times 1 \times 18.00 \times 1.20 \times 0.075 = 3.24 m^2$
					$473.088 m^2$
at 10.00 m wide					$P(19) \text{ item (13)} = 322.815 m^2$
at 10.00 m wide					$P(3) \text{ item (9)} = 1031.40 m^2$
					$1887.303 m^2$
(a) For Lead up to 1000m					
30% of 1887.303 m ²					$= 566.190 m^2$

Continuation

~~Shank~~
15²⁷-12
J.E.

20/2/22

Sch. XLV Form No. 174

Particulars	Details of area			Contents of area
	No.	L.	H.	
1/ Bell...				
(a) Bell...				
old...				
...				3807
(b) Bell...				
old...				
...				944
2/ Clear...				
old...				
				23624
3/ PAF...				
old...				
...				36102
4/ Dist...				
(a) PAF				
old...				
...				683
(b) Bailer...				
old...				
				1119

Continues

1/	111	111	111	111	111
2/	111	111	111	111	111
3/	111	111	111	111	111
4/	111	111	111	111	111
5/	111	111	111	111	111
6/	111	111	111	111	111
7/	111	111	111	111	111
8/	111	111	111	111	111
9/	111	111	111	111	111

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. wide item (27) P(22)					
					= 6192 m ³
@ B 97.19					= B 6018.00
19/ Contd of Subgrade					
Qty. wide item 19(a) P(20)					
					= 566.190 m ³
@ B 187.33					= B 106069.00
b) For Lead upto 100 m					
Qty. wide item 19(b) P(21)					
					= 1221.112 m ³
@ B 151.92					= B 200723.00
11/ Contd of Gullies					
Qty. wide item no (4) P(19)					
					= 530.32 m ³
@ B 2371.49					= B 1257698.00
14 P.A.C. W.D.M. GUTTER					
Qty. wide item no (15) P(19)					
					= 189.925 m ³
@ B 3475.95					= B 641052.00
13/ E/W in excavation for foundation					
Qty. wide item no (1) P(20)					
					189.734 m ³
					= 222743 m ³
@ B 269.32					= B 131855.00
19/ Sand filling in foundation					= B 79111.00
Qty. wide item no. (2) P(18)					

Continuation

Sh. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			28.791m ² - 12.913m ²		13025.00
@M 453.10/				= 14	5852.00
15/ B.A.S. in foundation					
atk. vide item no (3) P(16)			287.44m ² - 129.118m ²		94270.00
@M 328.00				= 14	42350.00
16/ P.L. P.C. Mis. in walling					
atk. vide item no. (4) P(9)			80.57m ² - 35.982m ²		363335.00
@M 4509.56				= 14	162263.00
17/ P.L. P.C. Mis. in o.P.L.					
atk. vide item no. (5) P(16)			186.66m ²		841789.00
@M 4509.56				= 14	598238.00
18/ providing p.c. Mis. in					
Substructure					
atk. vide item no (6) P(9)			132.03m ²		
@M 4924.41				= 14	655121.00
19/ providing p.c. Mis. in Substructure					
atk. vide item no (9) P(18)			25.806m ² - 14.574m ²		
@M 5245.66				= 14	135365.00
20/ providing p.c. Mis. in					

Continuation

Particulars	No.	L.	B.	D.	Contents of area
Supervision					
Qty. vide Item no (8) P (18)					
					= 5.26 m ²
@ Rs 6106.98					= 152135.00
21/ S.O.F. HYD. P.B. & reinforcement					
in Superstructure					
Qty. vide Item no (9) P (18)					
					= 6.93 m ²
@ Rs 50011.10					= 14321480.00
22/ Provisioning & placement					
Qty. vide Item no (10) P (18)					
					= 3.01 m ²
@ Rs 108.53					= 3258.00
23/ Provisioning & placement					
Qty. vide Item no (11) P (18)					
					= 8.10 m ²
@ Rs 403.09					= 3275.00
24/ Painting of structure					
Qty. vide Item no (12) P (18)					
					= 60.98 m ²
@ Rs 97.19					= 5878.00
15/ P.P.A. prime coat					
Qty. vide Item no (14) P (14)					
					= 245900 m ²
@ Rs 42.74					= 105098.00
26/ P.T. Tack coat					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Dist. vide iter. no 61 P (1)					
				2987.00	
@ B 19.52					1135705.00
27/ PAF iter. no 1455					
Dist. vide iter. no 1455 P (1)					
				2959.00	
@ B 193.14					115471331.00
28/ PAF iter. no 1455					
(a) iter. no					
Dist. vide iter. no 206 P (1)					
				2 Nos	
@ B 3899.1995.69					1153899.00
(b) iter. no					
Dist. vide iter. no 106 P (1)					
				3 Nos	
@ B 550.65					1151652.00
29/ PAF iter. no 1455					
pillar					
Dist. vide iter. no 12 P (1)					
				3 Nos	
@ B 469.27					11519857.00
30/ PAF Traffic Stg					
(a) Green side A					
Dist. vide iter. no 23 P (1)					
				9 Nos	
@ B 3643.12					11514572.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1b/ 600mm dia circular					
atg. vide item 23(b) P(1)					
				= 2 Nos	
@B 4915.29				= 14	9830.00
(c) 800x600mm side rectangular					
atg. vide item 23(c) P(1)					
				= 2 Nos	
@B 6888.01				= 14	13776.00
2/ 600x450mm rectangular					
atg. vide item no. 23(d) P(1)					
				= 2 Nos	
@B 4789.89				= 14	9570.00
(e) 900mm side octagonal					
atg. vide item no 23(e) P(1)					
				= 2 Nos	
@B 8810.91				= 14	17622.00
31/ Road marking on B7 surface					
atg. vide item no (24) P(2)					
				= 132.00 m ²	
@B 821.29 735.44				= 14	97078 108410.00
32/ P42 300mm dia RCC duct pipe					
atg. vide item no. P4P(22)					
				= 30.00 m	
@B 850.06				= 14	26701.00

Continuation

Particulars	No.	L.	B.	D.	of
3/ work of embankment					
atg. wide inter (25/P (4L)					
					= 776.832 ²
@ Rs 140.25					= Rs 108950.00
					Rs 6858007.00
34/ planting of tree					
atg. wide inter no. (25/P (21/					
					= 68 nos
@ Rs 815.26					55438
					2155800.00
					5902113
					Rs 6913807.00
Add GRT 12 Y.					828254.00
Add L. work 1 Y.					Rs 829656.00
					Rs 69138.00
Add S. fee					Rs 59000.00
					Rs 7871621.00
					7858388.00
Less 20.11 Y. below					(1/15) 1582979.00
					6273066.00
Limit of Perimeter					Rs 6164212.00
Less provision					Rs 6288622.00
					G/M 3546149.00
					Rs 2618063.00
					Rs 2742473.00
Shukla					Shukla
19-7-22					
J.E.					
UP to Date Material Statement					
Earth	-	2664.00 m ³			3149.435 m ³
S/ Chalks	-	991.00 m ³			
C/ Sand	-	304.00 m ³			
L/ Sand	-	194.00 m ³			
S/ Metal	-	223.15 m ³			
S/ Screening	-	44.26 m ³			
Shukla					
19-07-22					
J.E.					

Continuation